

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

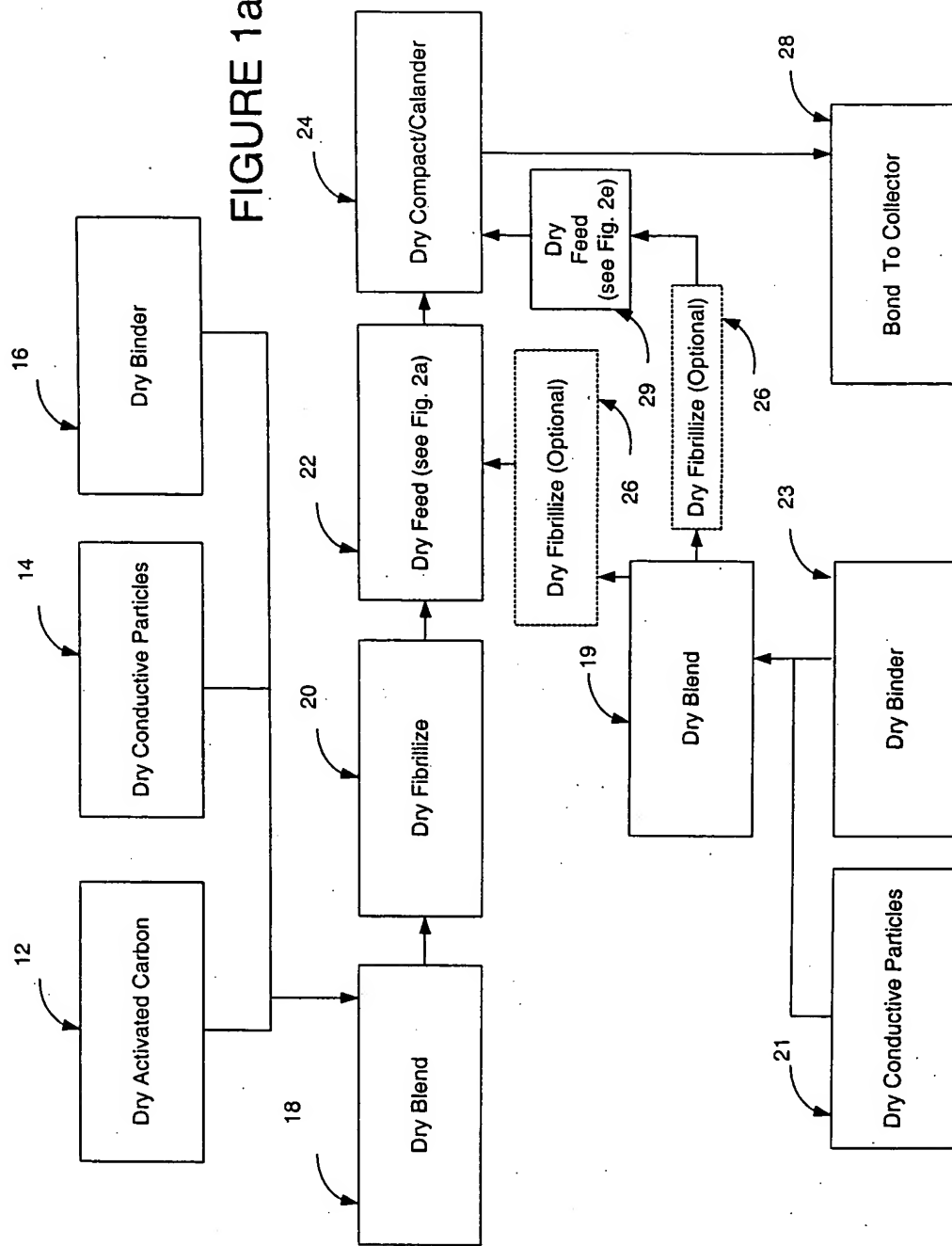
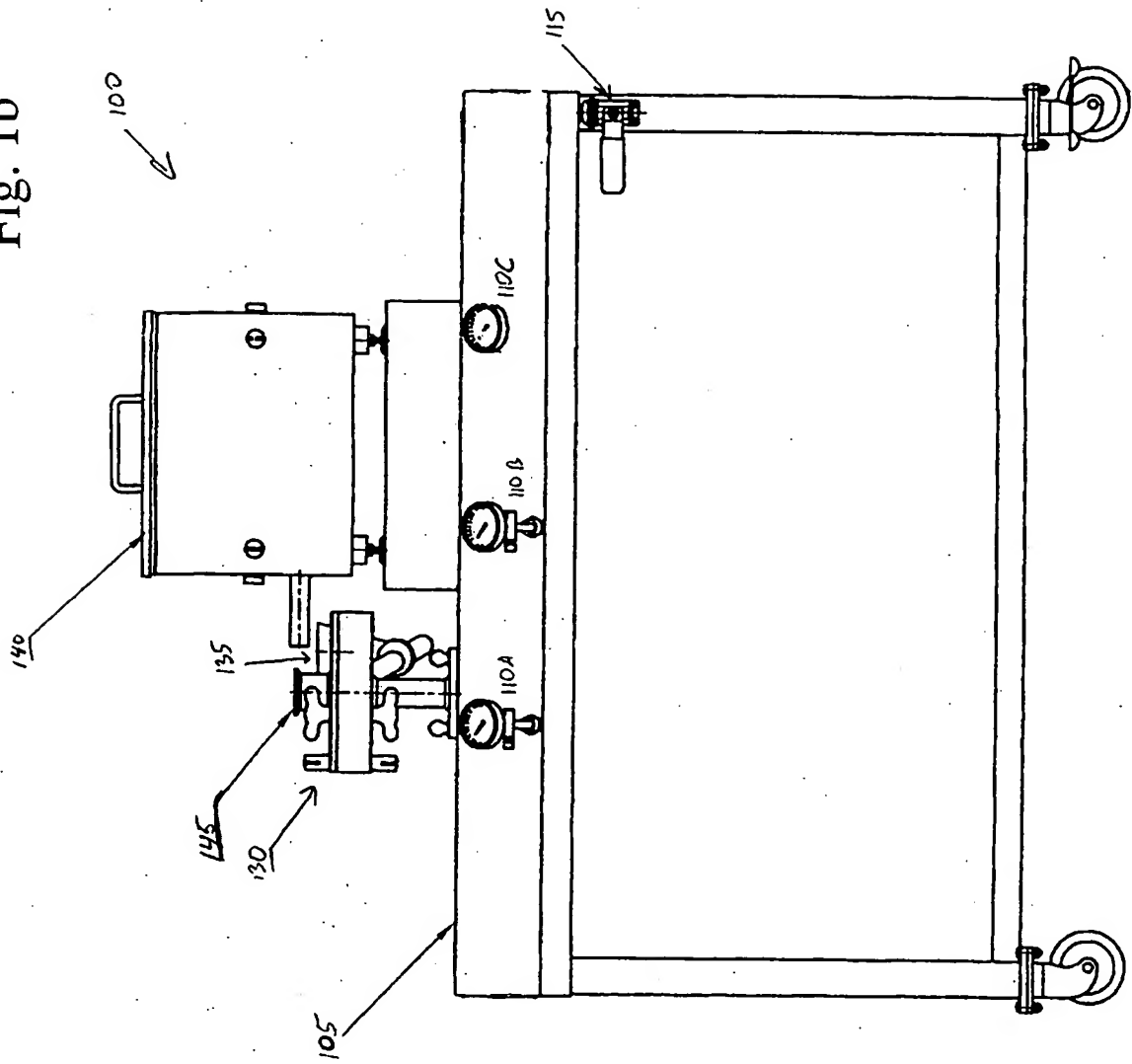


FIGURE 1a

Fig. 1b



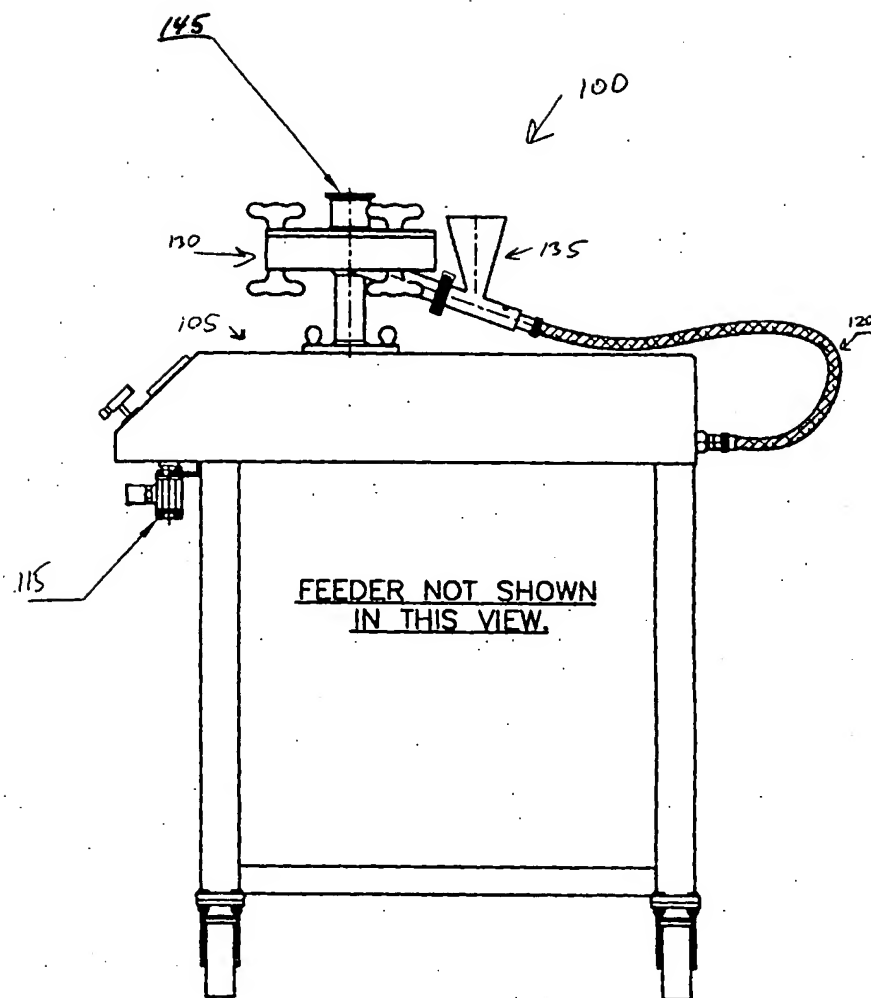


Fig. 1c

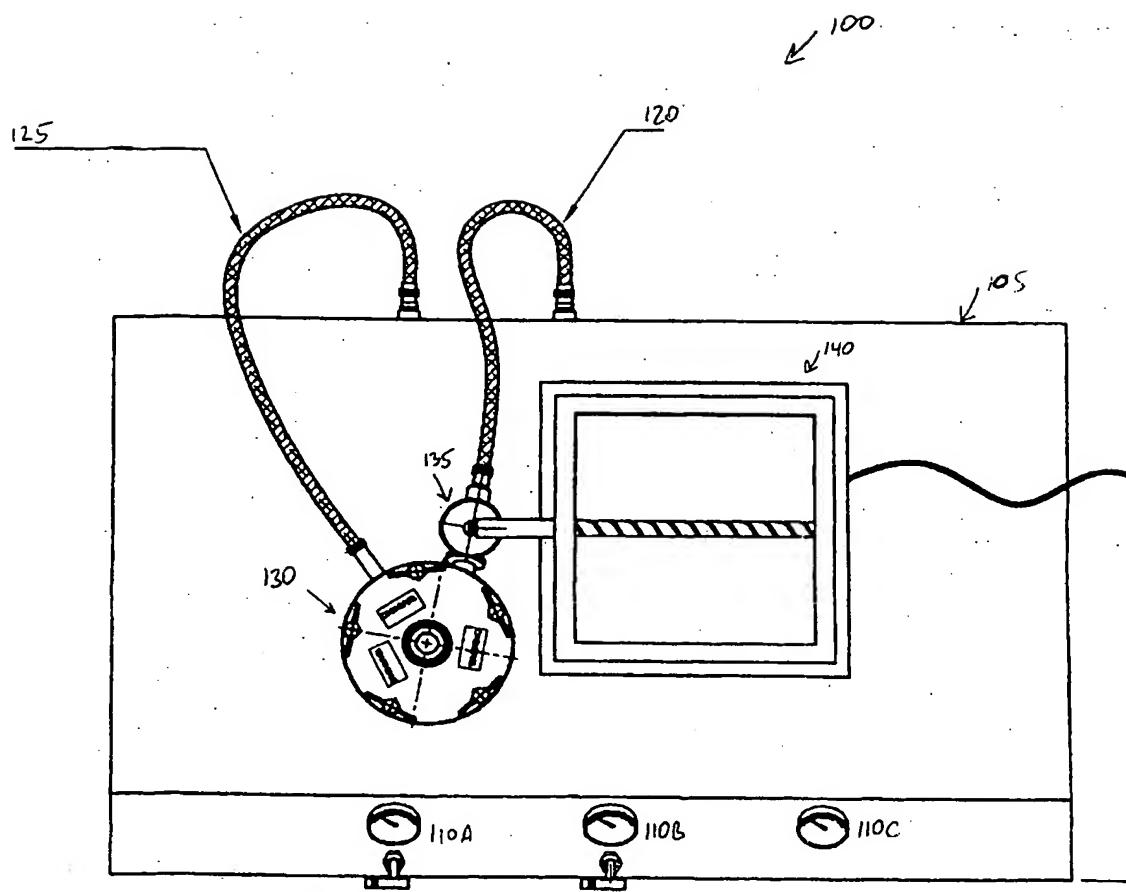


Fig. 1d

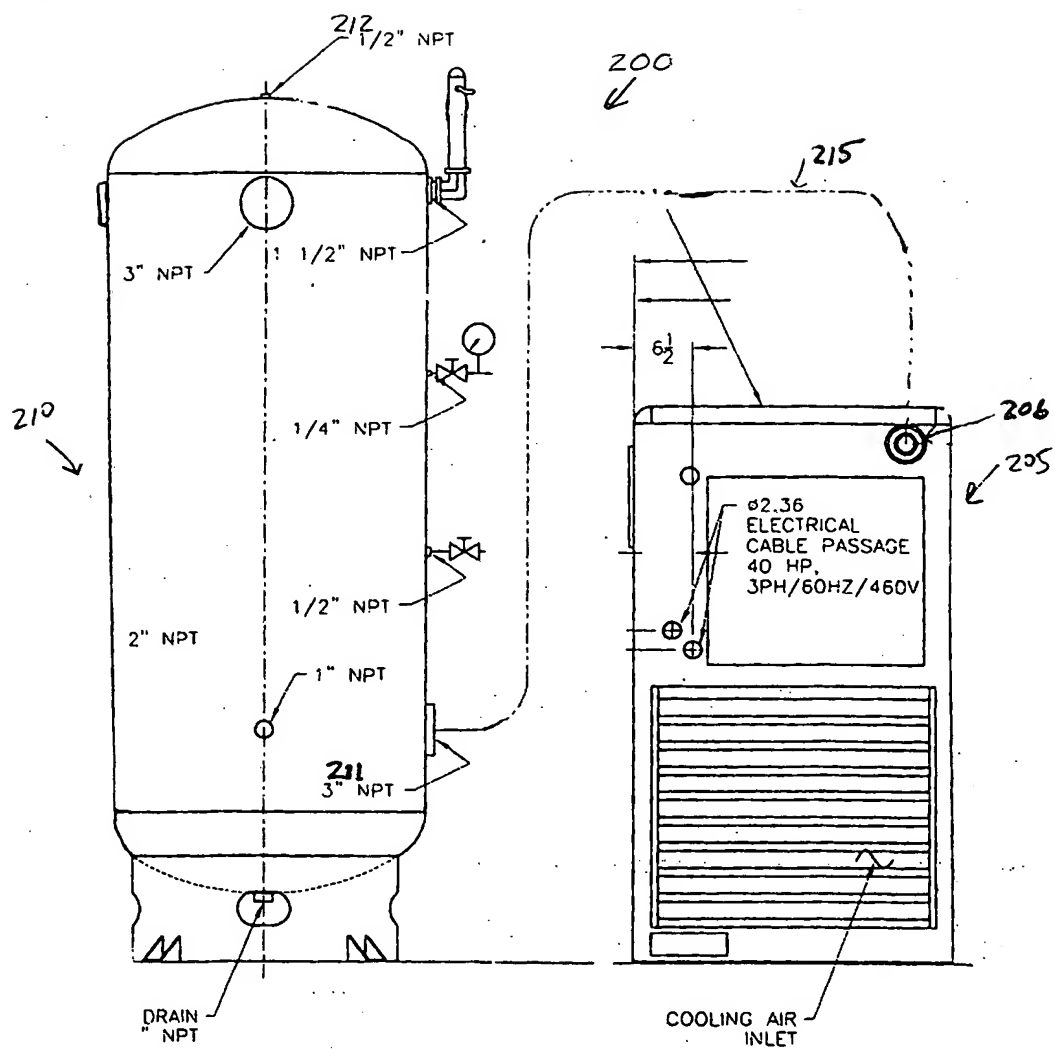
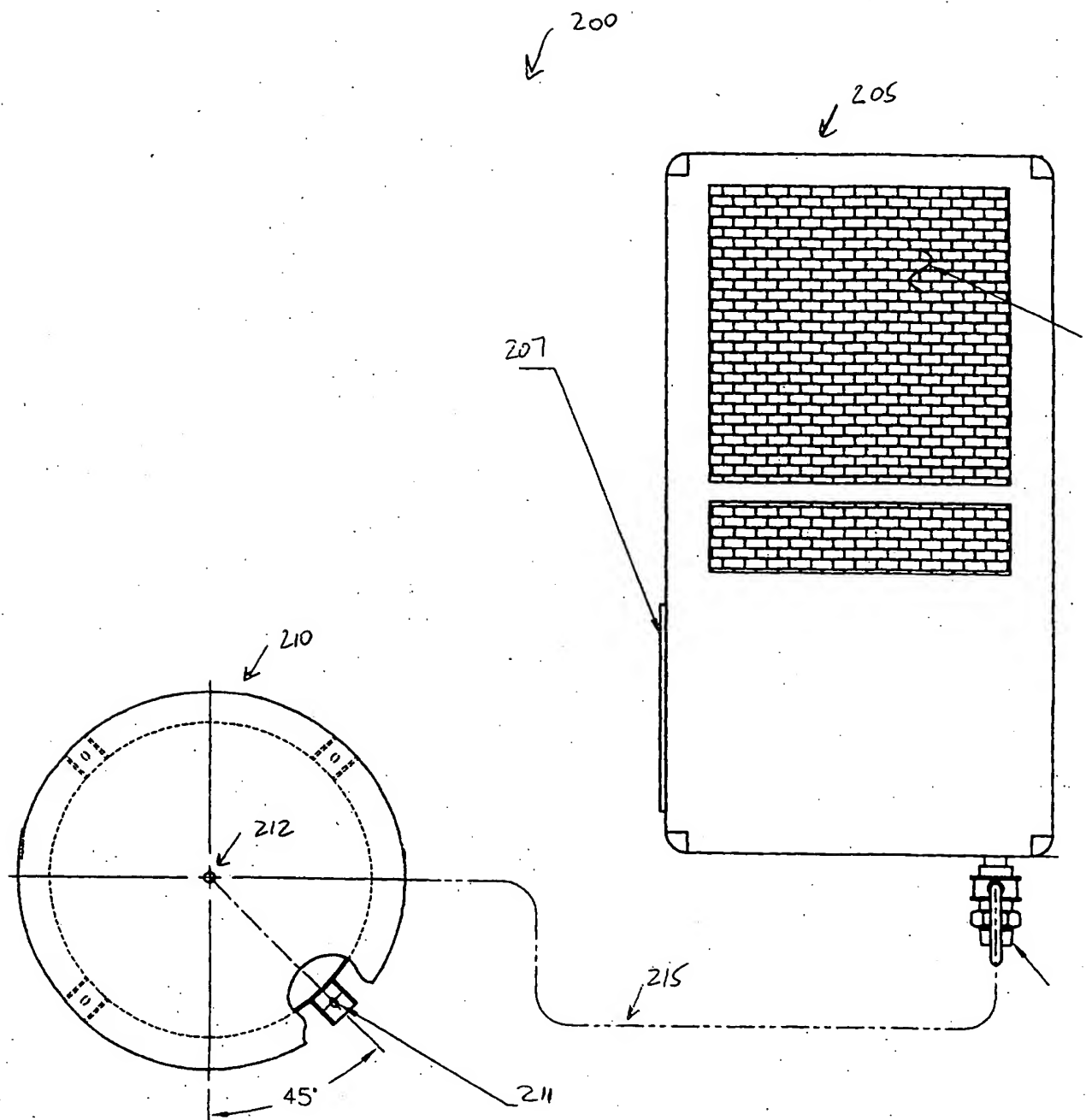


Fig. 1e

Fig. 1f



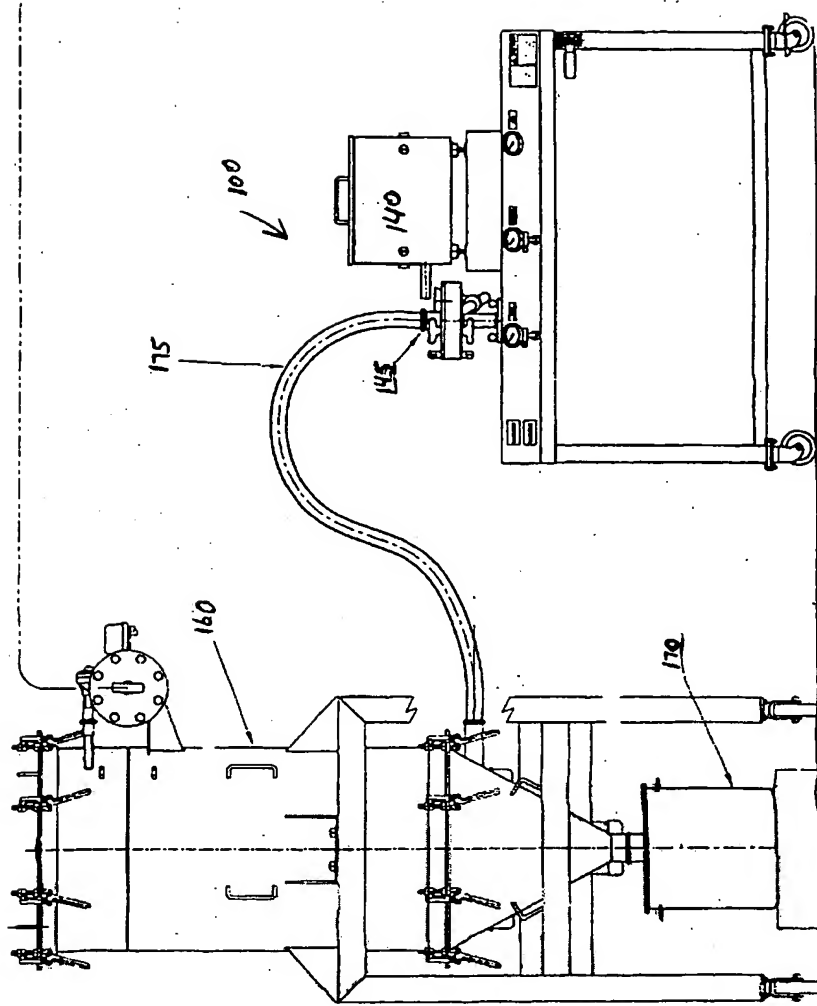


Fig. 1g



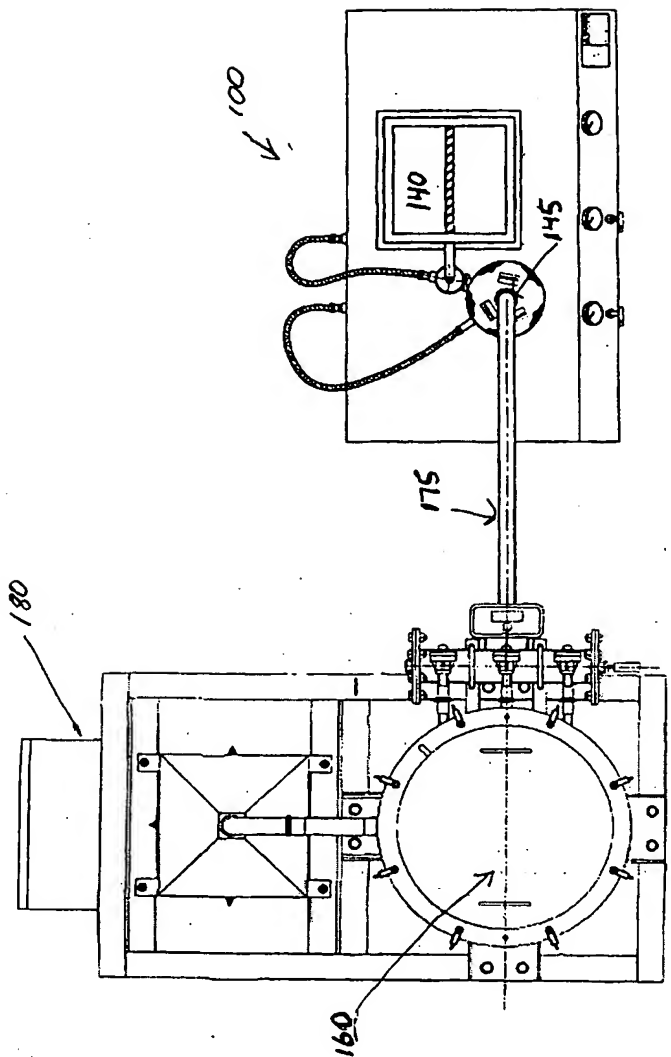


Fig. 1h

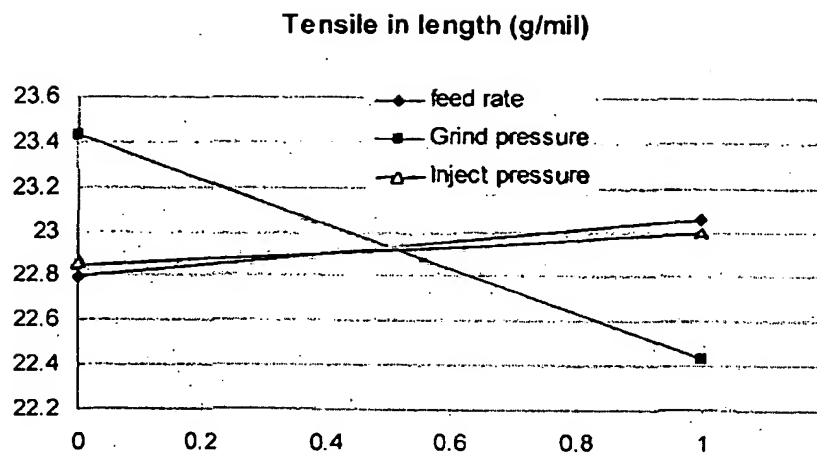


Fig. 1i

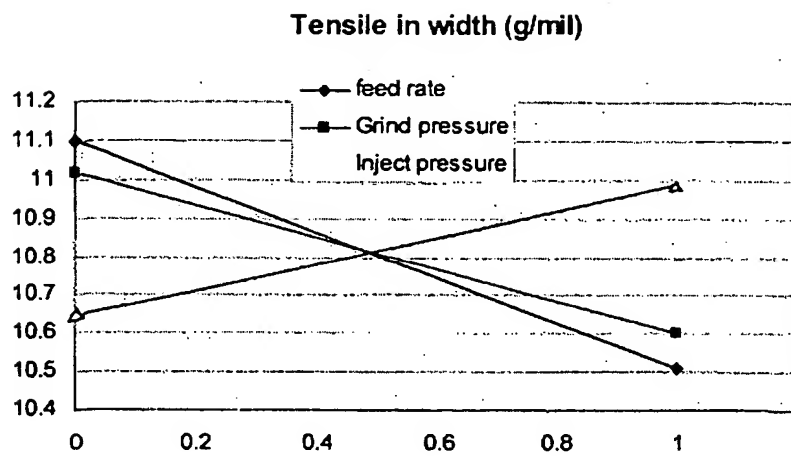


Fig. 1j

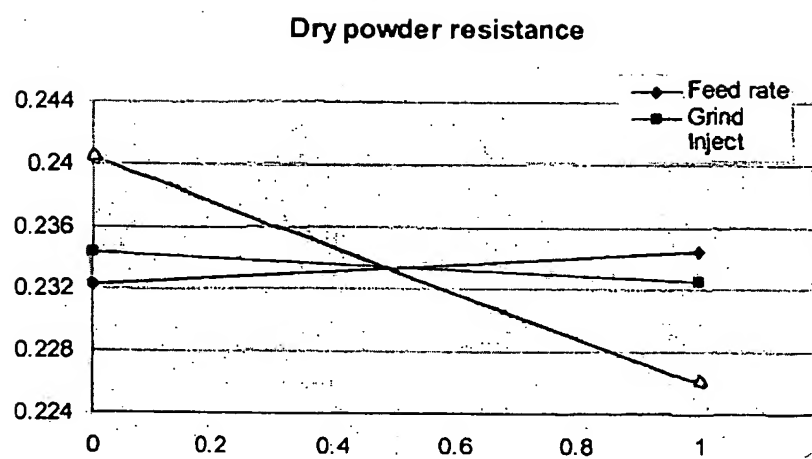


Fig. 1k

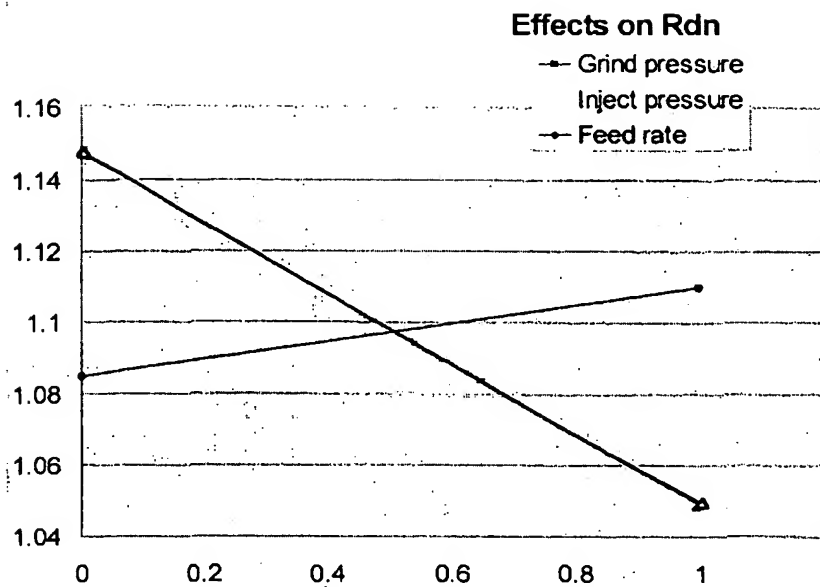


Fig. 1m

Effects on Cup

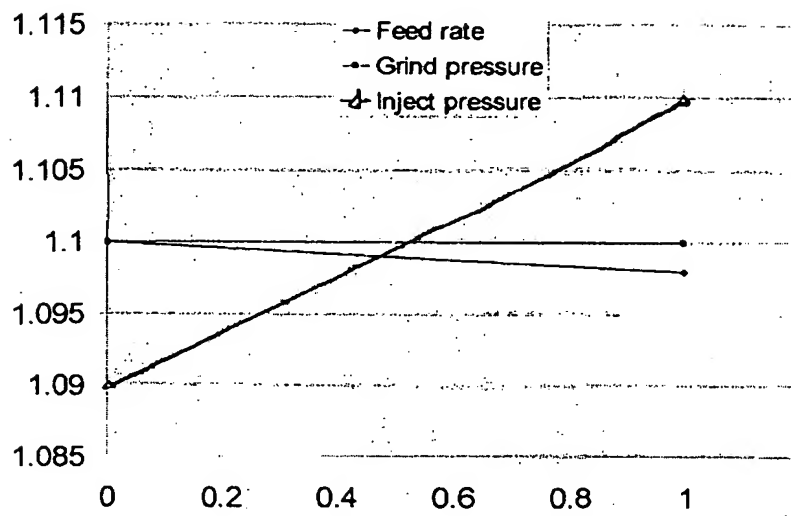


Fig. 1n

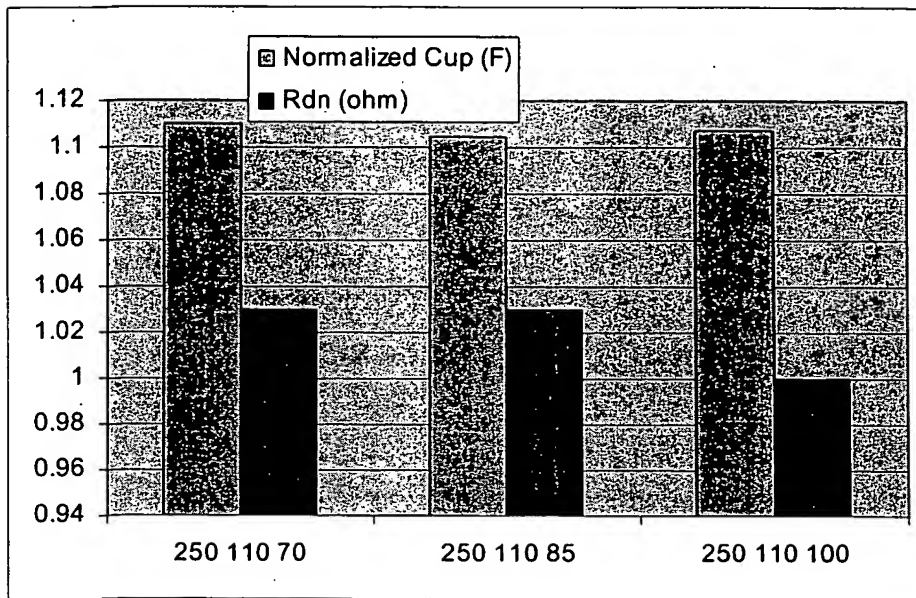


Fig. 1p

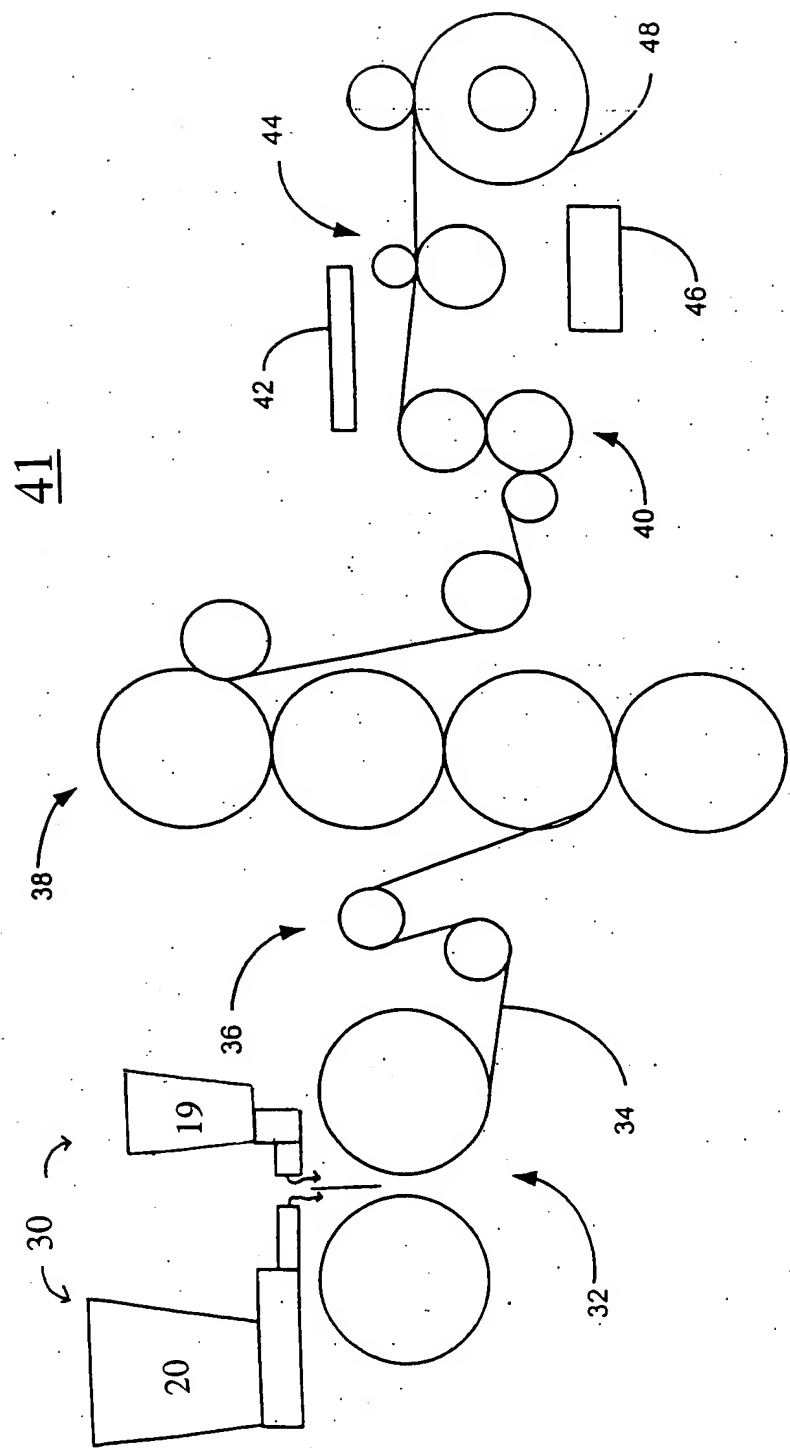


Fig. 2a



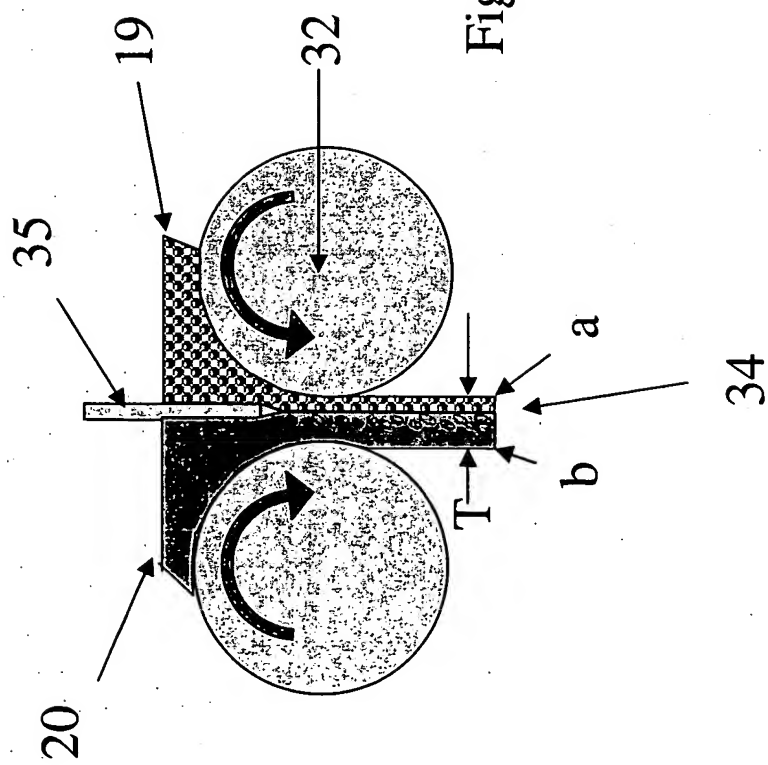


Fig. 2b

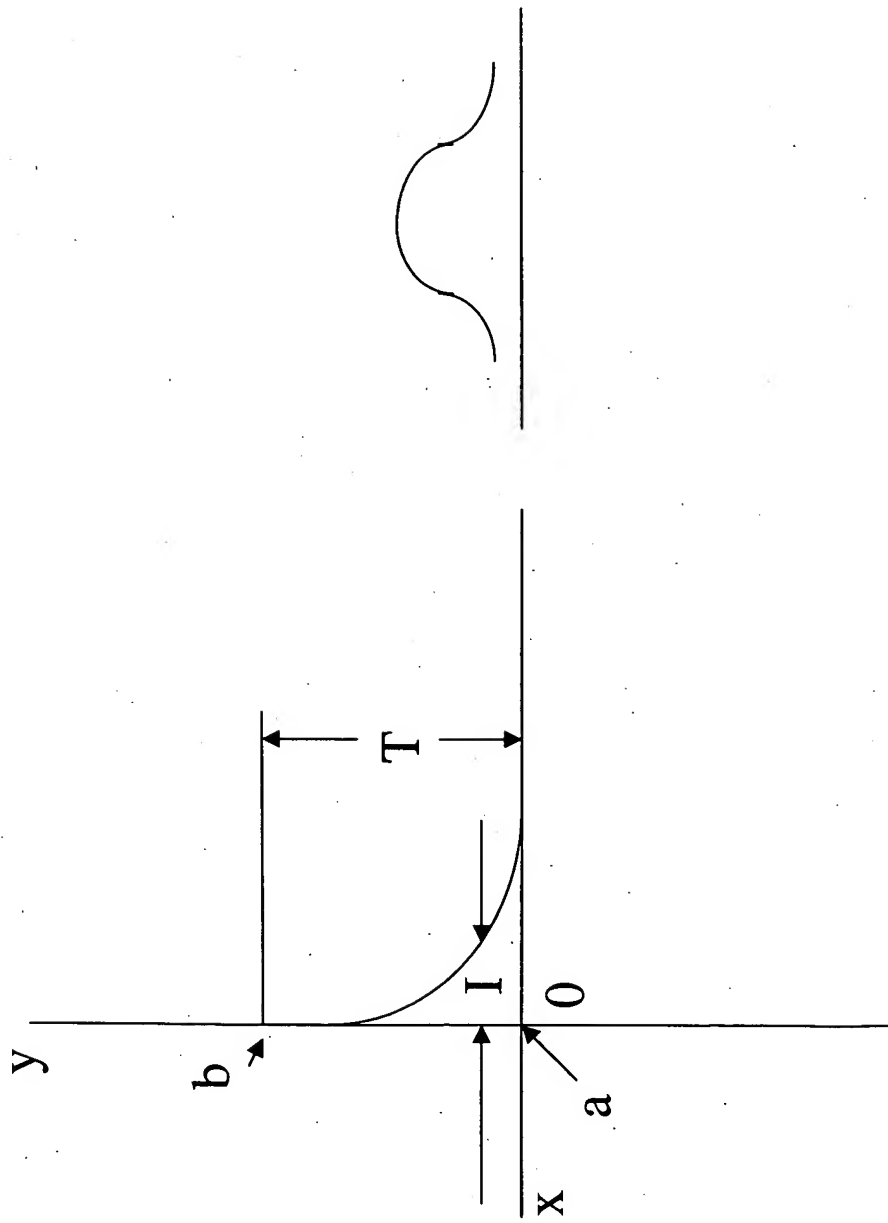


Fig. 2c

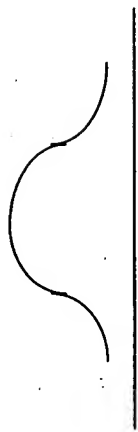


Fig. 2d

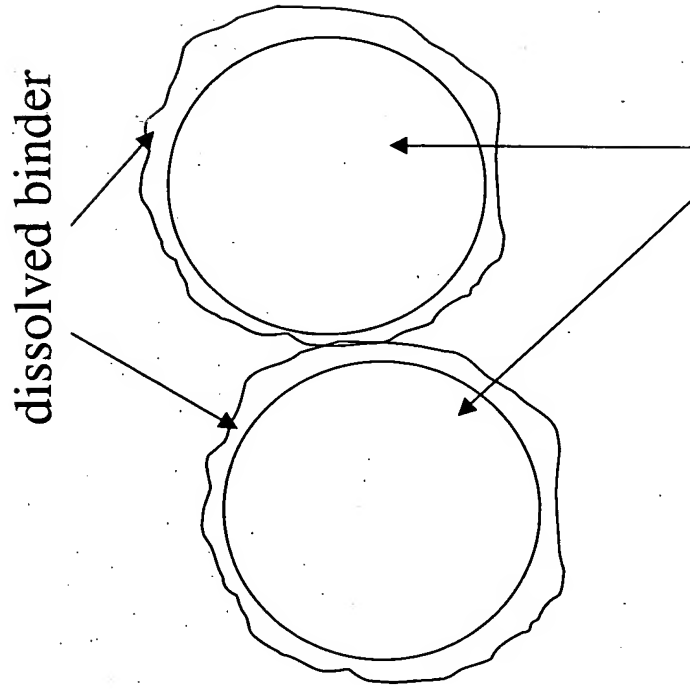
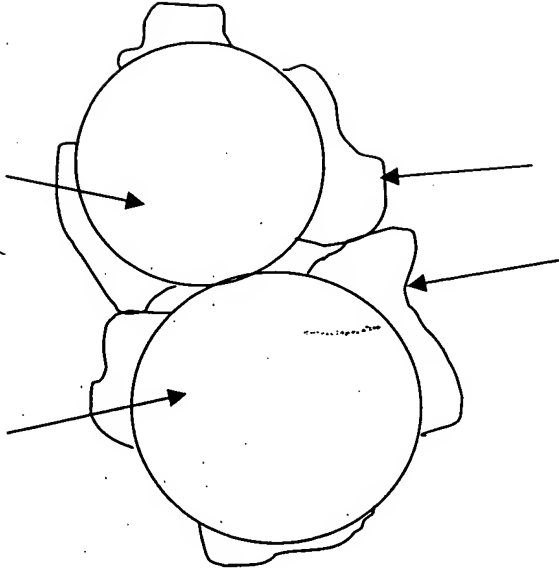


Fig. 2e

additive based carbon particles

dry carbon particles 12, 14, 21



softened dry binder particles 23

Fig. 2f

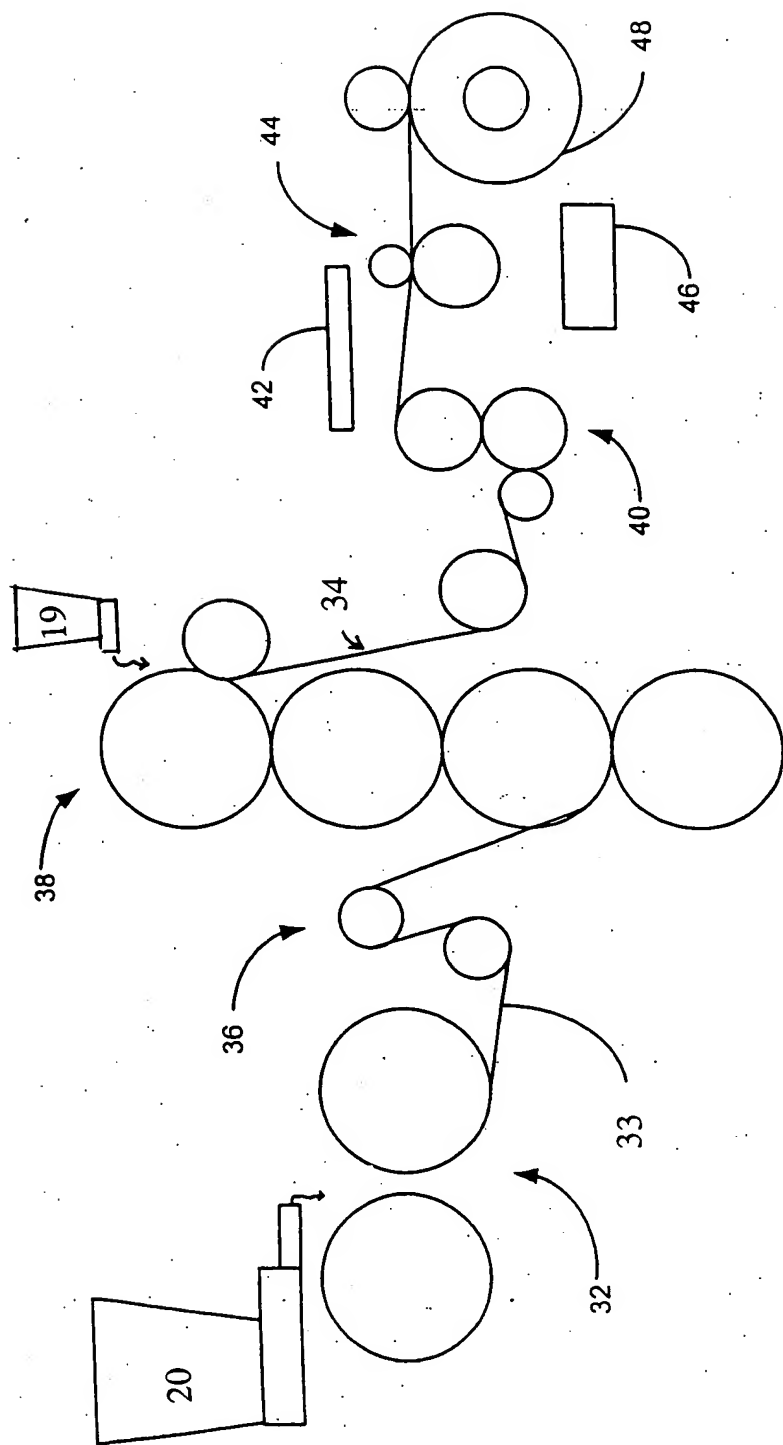


Fig. 2g

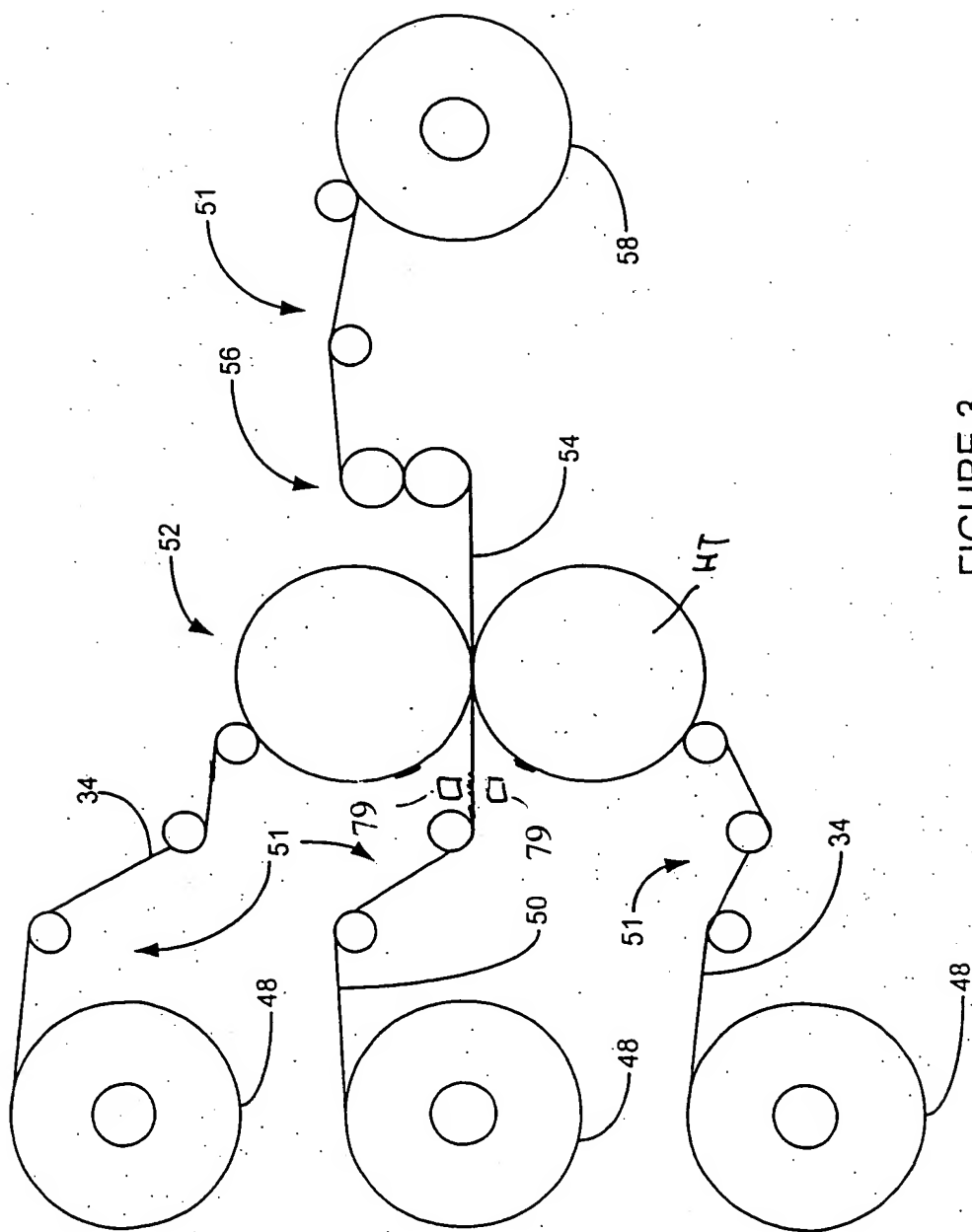


FIGURE 3

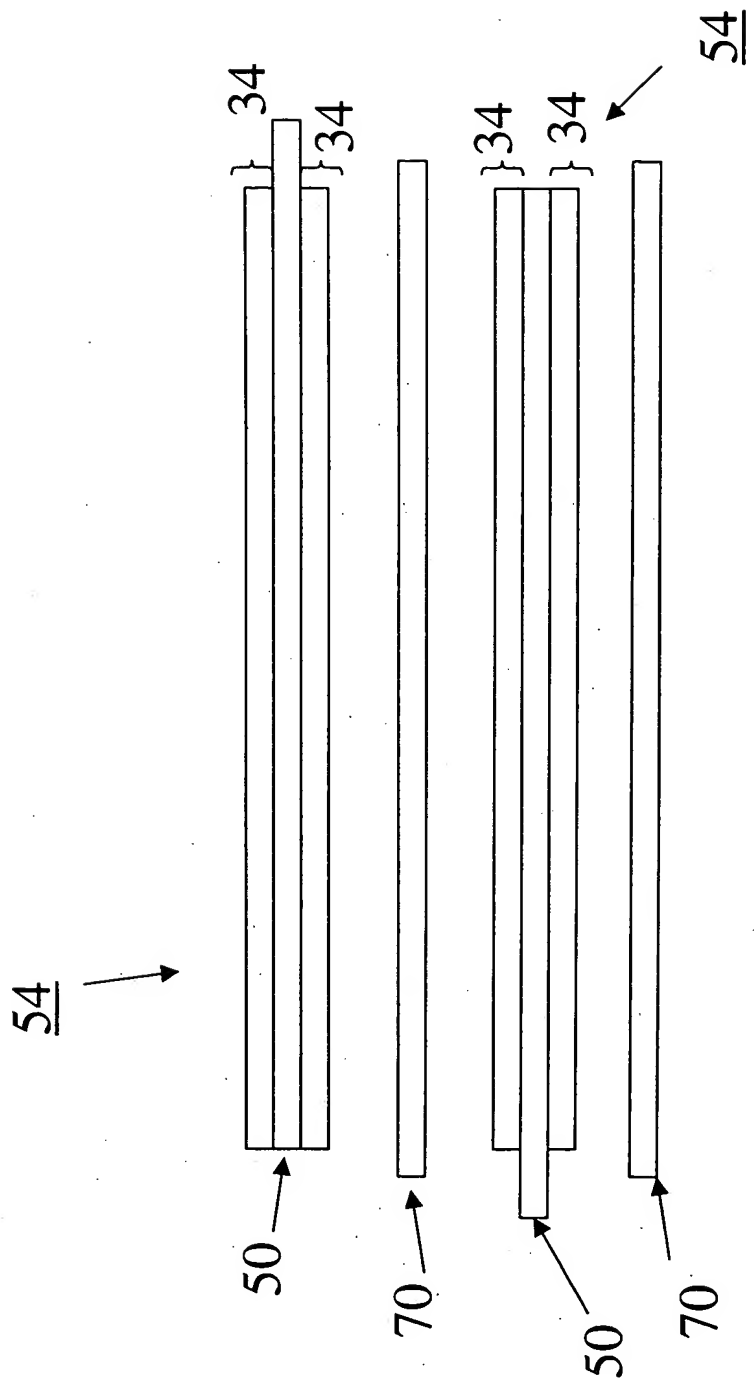


Fig. 4a

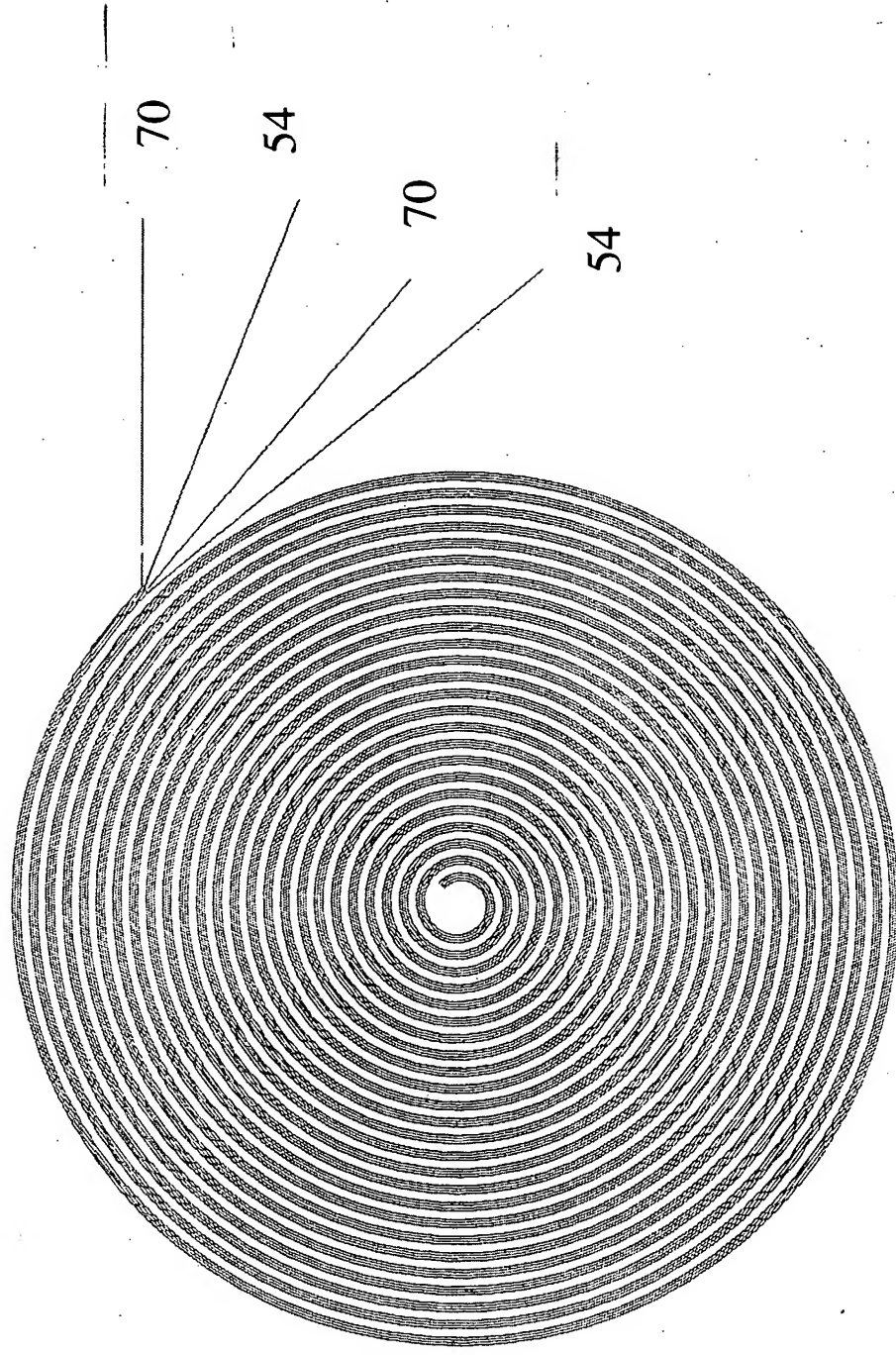


Fig. 4b



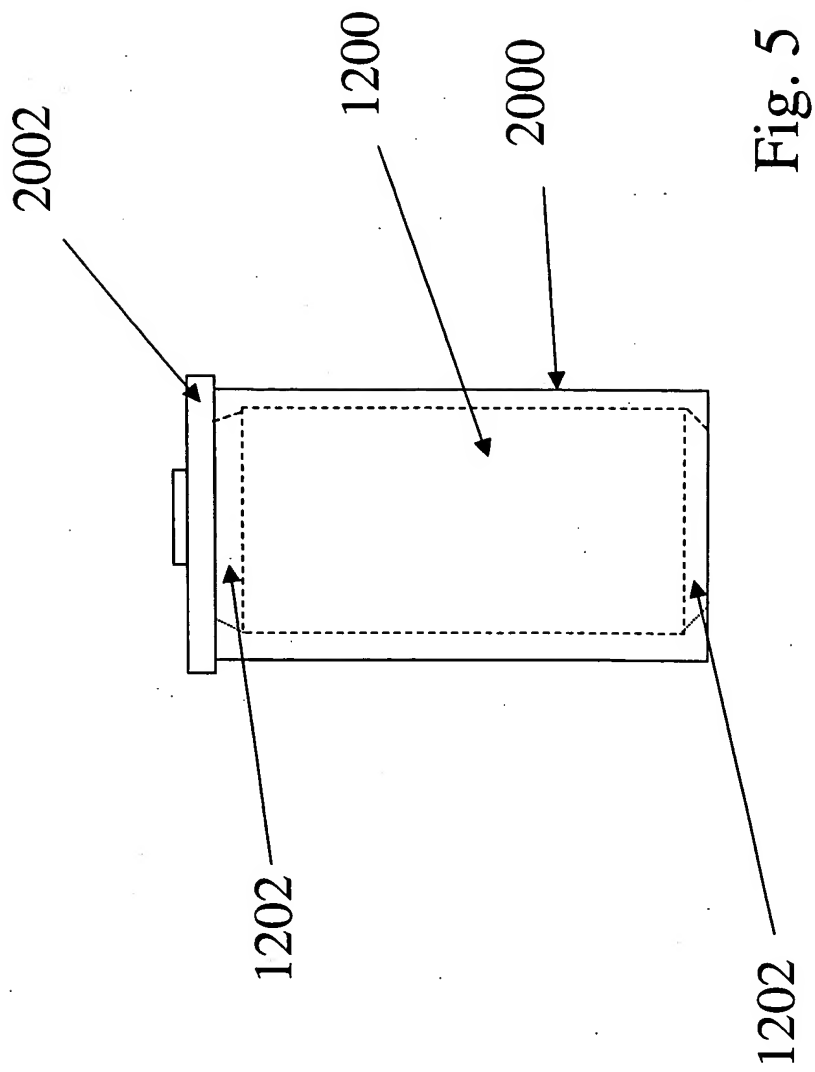


Fig. 5

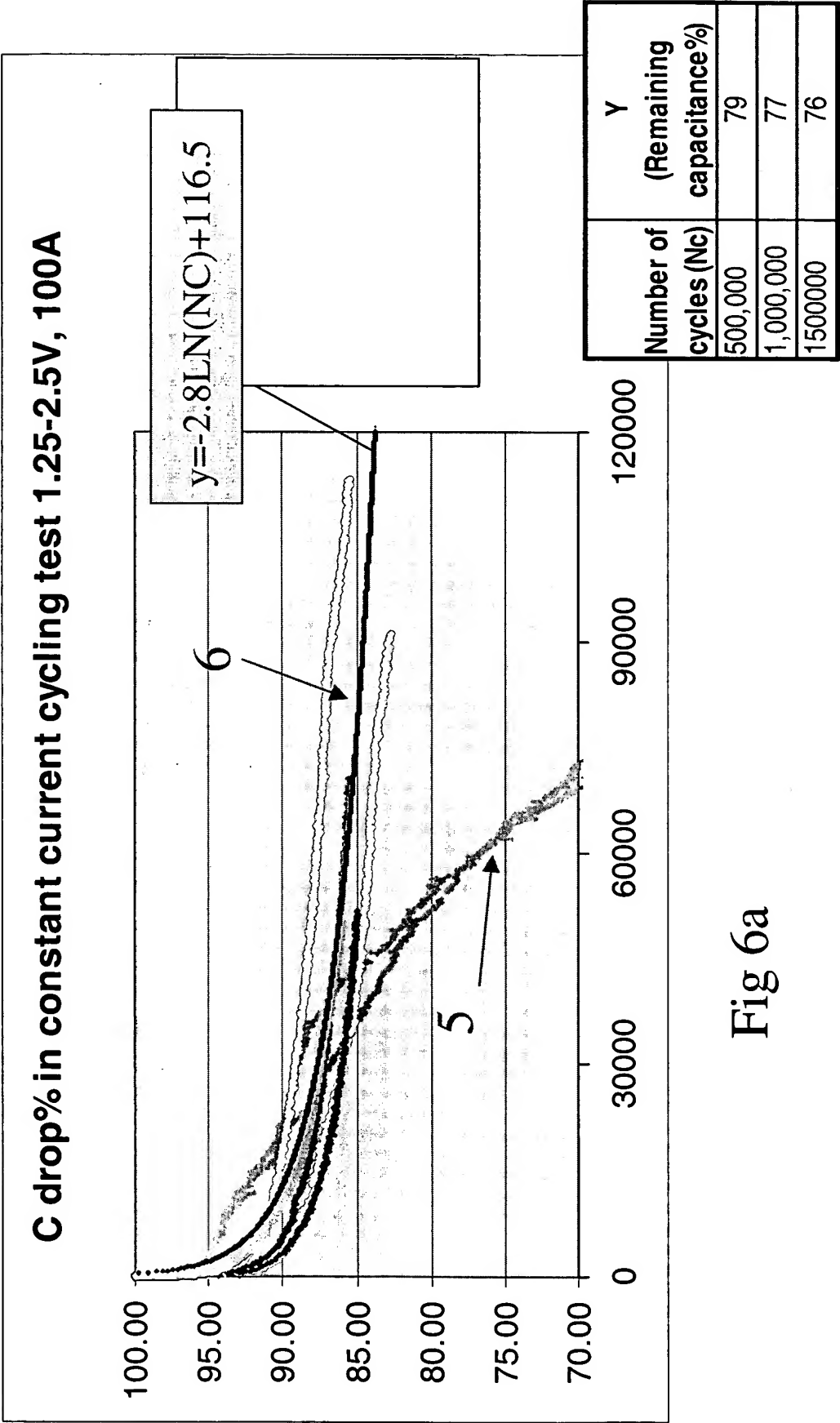


Fig 6a

R increase% in constant current cycling test 1.25-2.5V, 100A

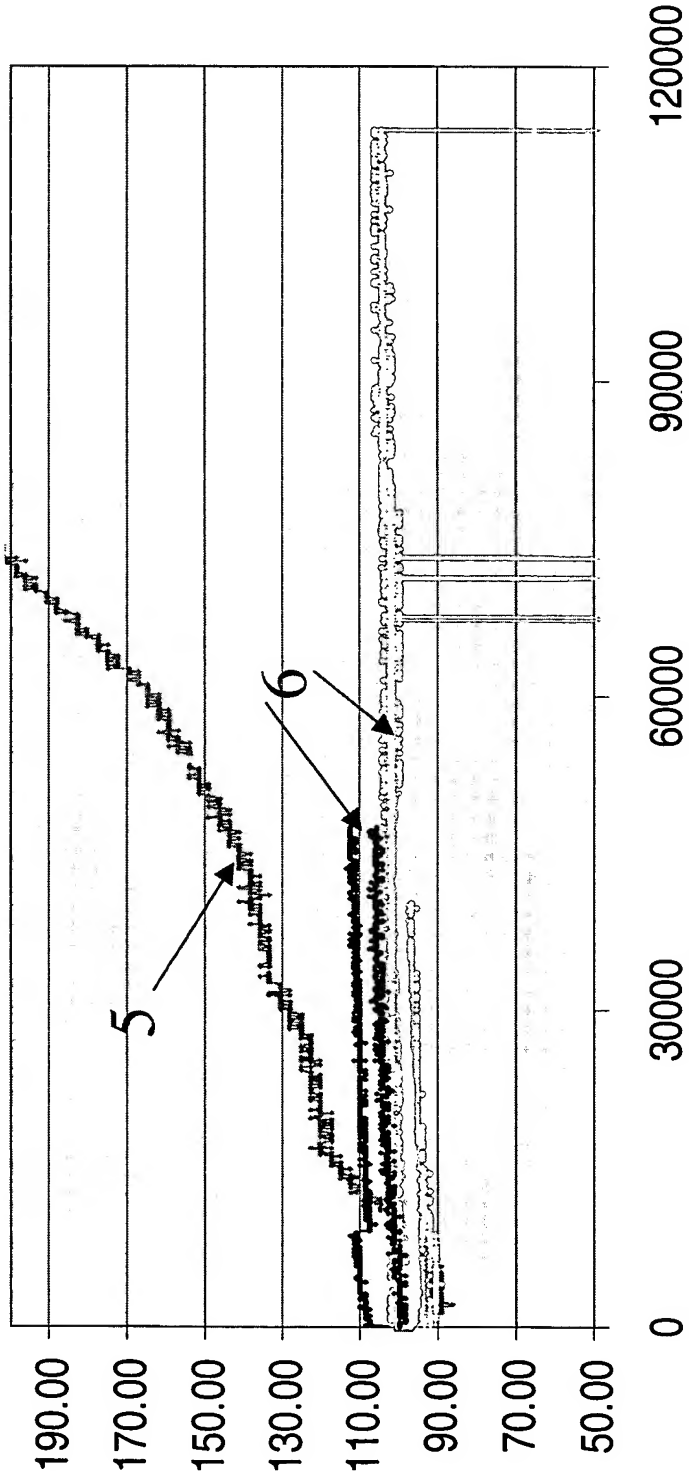


Fig. 6b

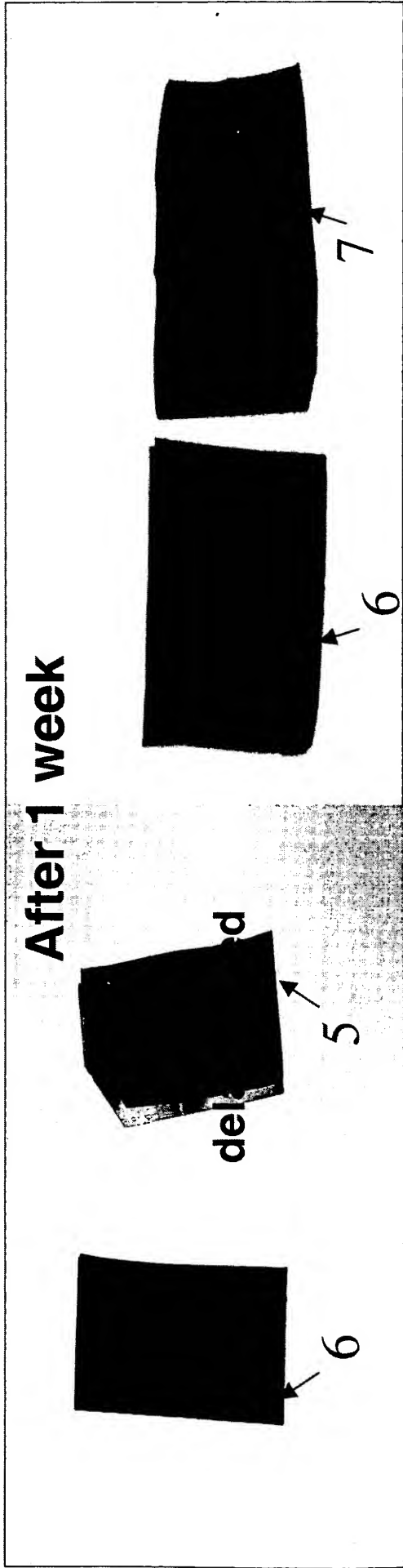


Fig. 6c

